Title (en)

HUMAN OBESITY SUSCEPTIBILITY GENE ENCODING A MEMBER OF THE NEUREXIN FAMILY AND USES THEREOF

Title (de)

FÜR EIN MITGLIED DER NEUREXINFAMILIE KODIERENDES HUMANES ADIPOSITAS-SUSZEPTIBILITÄTSSGEN UND DESSEN VERWENDUNG

Title (fr)

GÈNE HUMAIN DE PRÉDISPOSITION À L'OBÉSITÉ CODANT POUR UN MEMBRE DE LA FAMILLE DES NEUREXINES ET UTILISATIONS DE CE GÈNE

Publication

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Application

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Priority

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- US 62994604 P 20041123

Abstract (en)

[origin: WO2006056839A1] The present invention more particularly discloses the identification of a human obesity susceptibility gene, which can be used for the diagnosis, prevention and treatment of obesity and associated disorders, as well as for the screening of therapeutically active drugs. The invention more specifically discloses certain alleles of the contactin associated protein-like 2 (CNTNAP2) gene related to susceptibility to obesity and representing novel targets for therapeutic intervention. The present invention relates to particular mutations in the CNTNAP2 gene and expression products, as well as to diagnostic tools and kits based on these mutations. The invention can be used in the diagnosis of predisposition to, detection, prevention and/or treatment of coronary heart disease and metabolic disorders, including but not limited to hypoalphalipoproteinemia, familial combined hyperlipidemia, insulin resistant syndrome X or multiple metabolic disorder, coronary artery disease, diabetes and associated complications and dyslipidemia.

IPC 8 full level

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